

11/21/02

**Potential Success Measures
Resulting from MCAP Implementation
(and other actions)
During 2003-2005**

(THIS IS A VERY PRELIMINARY DRAFT)

Installation of amalgam separators –

- expected to reduce mercury releases released to POTWs or septic systems (50-99% reduction rate) **202-404 lbs/yr**

**Collection of elemental Hg (unused stocks)
from schools, dental offices, thermometer collections etc. 100 lbs/yr**

No mercury waste in “Red bags” going to autoclaves - 106 lbs/yr

Reduction in mercury load going to sewage sludge incinerators 40-79 lbs/yr

Improved fluorescent light tube recycling –

- Recycling rate increased from 20% to 40% **101-368 lbs/yr**
- 20 - 40% reduction in amount of fluorescent lights disposed in solid waste incinerators **60 lbs/yr**

Coal-fired power plants –

Centralia Transalta expects a 33% reduction in
current mercury emissions due to recent installation of scrubbers **144 lbs/yr**

TOTAL 753-1261 lbs/yr